

Amendments to the Claims

This claim listing will replace all prior versions and listings of claims in the application:

Claim Listing

1. (Previously presented) A coated abrasive belt comprising:
 - (a) a strip of coated abrasive having a first portion and a second portion; and
 - (b) a joint adhesive for joining the first portion to the second portion to form the belt, wherein the adhesive is formed from a blocked isocyanate urethane system wherein the isocyanate of said system consists essentially of blocked isocyanate.
2. (Previously presented) The coated abrasive belt of Claim 1 wherein the blocked isocyanate includes a blocking agent selected from the group consisting of phenols, oximes, alcohols, caprolactam, and diethyl malonate.
3. (Previously presented) The coated abrasive belt of Claim 1 wherein the blocked isocyanate urethane system includes an amine.
4. (Previously presented) The coated abrasive belt of Claim 1 wherein the blocked isocyanate urethane system includes an alcohol.
5. (Previously presented) The coated abrasive belt of Claim 1 wherein the blocked isocyanate urethane system includes a polyol.
6. (Previously presented) The coated abrasive belt of Claim 1 wherein the blocked isocyanate urethane system includes a high molecular weight prepolymer containing hydroxyl functionality.
7. (Previously presented) The coated abrasive belt of Claim 1 wherein the blocked isocyanate urethane system includes a high molecular weight prepolymer containing blocked isocyanate functionality.

8. (Previously presented) A method for forming a coated abrasive belt comprising:
 - (a) providing a coated abrasive strip having first and second opposed ends; and
 - (b) joining the ends of the strip with an adhesive formed from a blocked isocyanate urethane system wherein the isocyanate of said system consists essentially of blocked isocyanate.
9. (Original) The method of Claim 8 further comprising the step of crosslinking the adhesive with an amine.
10. (Original) The method of Claim 8 further comprising the step of crosslinking the adhesive with an alcohol.
11. (Original) The method of Claim 8 further comprising the step of crosslinking the adhesive with a polyol.
12. (Previously presented) A method for forming a coated abrasive belt comprising joining ends of a strip of coated abrasive together with an adhesive formed from a blocked isocyanate urethane system wherein the isocyanate of said system consists essentially of blocked isocyanate.
13. (Previously presented) A method for forming a coated abrasive belt comprising:
 - (a) forming an isocyanate urethane system wherein the isocyanate of said system consists essentially of at least one compound selected from the group consisting of blocked isocyanate terminated polyurethane prepolymers and blocked isocyanates;
 - (b) joining ends of a strip of coated abrasive with the isocyanate urethane system; and
 - (c) heating the strip to cure the isocyanate urethane system.

14. (Previously presented) A method for forming a coated abrasive belt comprising:
 - (a) forming a blocked isocyanate urethane system that includes a high molecular weight polyurethane containing hydroxyl functionality and wherein the isocyanate of said system consists essentially of blocked isocyanate;
 - (b) joining ends of a strip of coated abrasive with the blocked isocyanate urethane system; and
 - (c) heating the strip to cure the blocked isocyanate urethane system.
15. (Previously presented) A method for forming a coated abrasive belt comprising:
 - (a) forming a blocked isocyanate urethane system by mixing a first component with a second component wherein the isocyanate of said system consists essentially of blocked isocyanate;
 - (b) joining ends of a strip of coated abrasive with the blocked isocyanate urethane system; and
 - (c) heating the strip to cure the blocked isocyanate urethane system.
16. (Original) The method of Claim 15 wherein the first component includes a blocked isocyanate terminated polyurethane prepolymer and the second component includes polyamine or polyol.
17. (Original) The method of Claim 15 wherein the first component includes a high molecular weight polyurethane containing hydroxyl functionality and the second component includes blocked polyisocyanate.